

# Memorandum

ERM-North Central, Inc.

**To:** Mary Tierney, U.S. Environmental Protection Agency  
John Chitwood, Black & Veatch

**cc:** Diane Richardson, ComEd

**From:** Dan Peterson *EFM*

EPA Region 5 Records Ctr.



207042

**Date:** October 13, 1994

**Subject:** Procedures for Splitting NAPL Samples  
with Black & Veatch for the Lenz Oil Site

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As per our telephone conversation on October 12, 1994, ERM-North Central will split samples with Black & Veatch and fill jars in alternating fashion. First, a 4-ounce jar will be filled and then 8-ounce jars will be alternately filled. If Black & Veatch does not have 8-ounce jars, then 8-ounces of light nonaqueous phase liquid (NAPL) will be added into Black & Veatch's 1 liter jar. The jars will be labeled with the sample number, date, time, sampler, and the order in which they were filled.

The analyses will be requested in the following order from the available jars:

- Specific gravity,
- Kinematic viscosity,
- TCLP inorganics,
- TCLP SVOCs and pesticides,
- TCLP VOCs,
- TCL pesticide/polychlorinated biphenyls,
- TCL VOCs,
- TCL SVOCs,
- TAL inorganics, and
- Gas chromatography fingerprinting.

If additional volume is required to complete the analyses, ERM-North Central will mobilize in two to three weeks to collect the NAPL for the remaining analyses. This volume will be based upon the amount requested by the laboratory. However, no remobilization will occur if only the gas chromatography fingerprinting is missing.